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Search Title: 09 suspension test User: cpabur - Ross, Disco S3-58
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★ LEHM/ Q12 Q15 Q22 94-049190/06 ★ ZA 9301540-A
Load measuring system for vehicle - has electronic signal
transducer measuring fluid pressure in vehicle suspension cylinder

LEHMANN D J 91.12.04 91ZA-009545

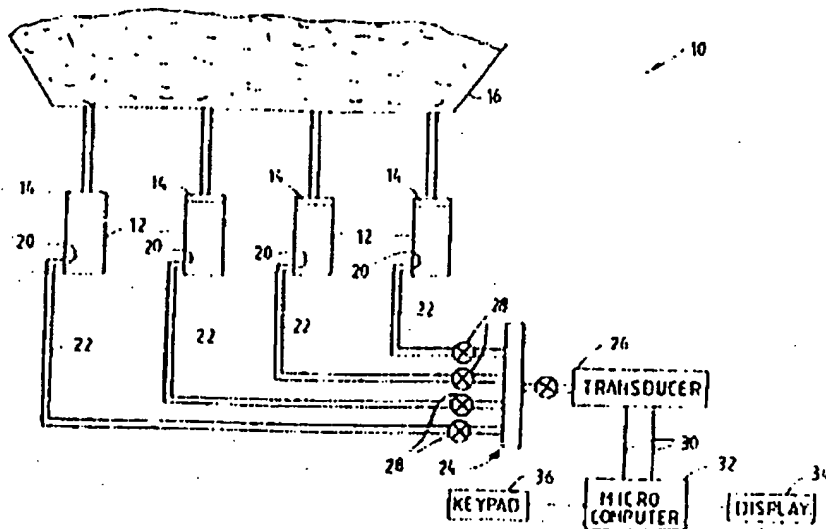
Q57 Q63 S02 X22 (93.11.24) G05B, B60G, B60P, B62D, F15B,
F16F, G01G

93.03.04 93ZA-001540

The load measuring system includes a fluid tight cylinder filled with a suitable hydraulic fluid. A piston is mounted in the cylinder and exerts a force on the fluid proportional to the mass of a load carried by a vehicle. Pressure is transmitted to an electronic signal transducer exposed to the fluid to provide an indication of the mass.

The cylinder is mounted between the vehicle's load carrier and its running gear. The cylinder is a suspension cylinder of the vehicle. The transducer is located in the cylinder, and is connected to an electronic controller. The controller is connected to a display in the vehicle's cab.

ADVANTAGE - Can be permanently installed on vehicle.
(Provisional basic advised in week 9402). (14pp Dwg.No.1/3)
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